

ILLEGIB

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KOMAR CLASS
PATROL BOATS
TSINGTAO, CHINA

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NO FOREIGN DISSEM

16481

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~~NO FOREIGN DISSEM~~

HANDLE VIA
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS No. 2307/65
IB No. 86/65
11 March 1965
Copy No. 1

Declassification Review by NIMA / DoD

MEMORANDUM FOR: Chief, Forces Division, ORR

ATTENTION :

25X1A

THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS

FROM : Chief, Photographic Intelligence Division, CIA

SUBJECT : Komar Class Small Guided Missile Patrol Boats in Tsingtao, China

REFERENCES : (1) ORR Requirement No. C-RR5-82,253
(2) CIA/PID Project No. 30265-5

1. This memorandum is in response to the above requirement requesting a search of the Tsingtao, China area for evidence of construction of Komar class patrol boats, conversion of P-6 units to Komar class, or operational Komar class units. The search was to include all photography from [REDACTED] to the most recent coverage.

25X1D

2. The Tsingtao, China area was searched on [REDACTED] photo missions beginning with [REDACTED] and ending with [REDACTED]. Stereoscopic coverage was obtained on all but [REDACTED] missions. A summary of photography utilized in this memorandum appears below.

25X1D

25X1D

25X1D

25X1D

3. The Tsingtao area exhibited no apparent change during the early part of [REDACTED] On photo Mission [REDACTED] however, two open-sided shelters were noted covering two repair ways at the patrol boat base (CIA/PID/IB-P-143/65). Each shelter measured approximately 85 x 25

25X1D

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SUBJECT: Komar Class Small Guided Missile Patrol Boats in Tsingtao, China

25X1D

25X1D feet. Eleven P-6 patrol boats were present at the base, four on repair ways and seven in the water. Particular attention was focused on the most northerly pier of the base, for it was here that the four Komar class patrol boats were reported in the OAK for Mission [REDACTED] 25X1D [REDACTED] the pier was interpreted to consist of three segments; a floating section, a walkway, and a standard pier. The walkway and the floating section photographed much darker in tone than the almost white stationary section. A line of small boats appeared to limit docking facilities to only the floating section. The floating section measured approximately 150 feet in length. Docked here were four unidentified patrol craft and three possible YP's each approximately 60 feet LOA. Each YP had a section covered by some white material, probably canvas.

25X1D

4. On photo Mission [REDACTED] another change was noted at the patrol boat base. The shelters were gone and what appeared to be a permanent building had been constructed at the head of the marine railway. 25X1D

25X1D The new building was confirmed on photo Mission [REDACTED] (CIA/PID/IB-P-144/65). The building was of solid construction and measured approximately 115 x 40 feet. It covered one repair way, but the adjoining way had been deleted to make room for the new construction. A stack rose from the dark shadow at one side of the building, apparently from a small extension of the building hidden by the shadow. A canvas-covered object approximately 45 x 15 feet was noted on the way next to the new building. Five P-6 patrol boats were present at the base, three in the water and two on repair ways.

Once again, particular attention was directed to the northern pier. Six possible YP's approximately 60 feet LOA and five unidentified patrol craft were docked at the floating section. Five of the YP's were partially covered by white material, probably canvas. All boats were docked at the floating section of the pier. The stationary segment of the pier again showed a much lighter tone than the ramp and floating section.

25X1D 5. On [REDACTED] revealed that the canvas covered object was gone from the repair way. No other change was noted.

25X1D 6. Four possible Komar class patrol boats were reported in the OAK for photo Mission [REDACTED] Their position was reported as at the patrol boat base, docked along one side of the floating section of the northern pier. CIA/PID/IB-P-142/65 is a 40X print from photo Mission [REDACTED] 25X1D Interpretation of this print and stereo pairs from the same mission did not reveal any imagery that could be called possible Komar class patrol boats.

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SUBJECT: Komar Class Small Guided Missile Patrol Boats in Tsingtao, China

25X1D

Four possible patrol boats, each showing an area of lighter tone, were noted at the reported position of the Komars. The four boats were docked in two groups of two. This docking arrangement placed two of the boats end to end, broadside against the floating section of the pier. This fact is significant since the length of floating section of the pier is approximately 150 feet, [REDACTED] feet shorter than two Komars tied end to end. This [REDACTED] foot difference does not include any separation of the two boats. The images on [REDACTED] do not appear to extend beyond the limits of the floating section of pier.

25X1D

25X1D

Only possible YP's and small, unidentified patrol boats were tied up at the northern pier floating section on past photography. In each case, the YP's were partially covered with a white material. It is felt that the white imagery on [REDACTED] is from the same type of YP's evident on [REDACTED]

25X1D

25X1D

25X1D

7. Possible conversion/construction facilities for Komar class patrol boats in Tsingtao are shown on CIA/PID/IB-P-141/65. No Komars were noted at any of these facilities. The patrol boat base has fifteen repair ways perpendicular to the marine railway. Although probably capable of conversion work, the base does not appear capable of actual construction. The graving dock and marine railway in Tsingtao appears to do major repair work for Chinese surface and submarine units. Conversion of P-6 patrol boats to Komar class would be possible, but no construction facilities are evident. Three additional marine railways in Tsingtao are capable of accommodating a Komar class hull. Conversion from a P-6 to a Komar is remotely possible at any of the three. Actual construction of a Komar class would not be feasible. Three minor marine railways are present in Tsingtao, but are too small to warrant consideration as possible Komar facilities and are not annotated on the enclosed photograph.

8. All measurements have been made by the CIA/PID project analyst. They should not be construed as being mensuration data compiled by the NPIC Technical Intelligence Division.

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9. The photo analyst assigned to this project was [REDACTED] who may be contacted on extension 2546 should any further information

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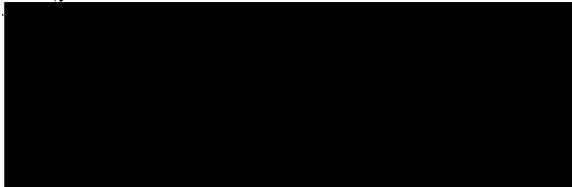
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concerning this memorandum be desired. This project was coordinated with
PID/GMB. This requirement is considered complete.

25X1A



ENCLOSURES:

4 Annotated Enlargements
(CIA/PID/IB-P-141/65 thru P-144/65)

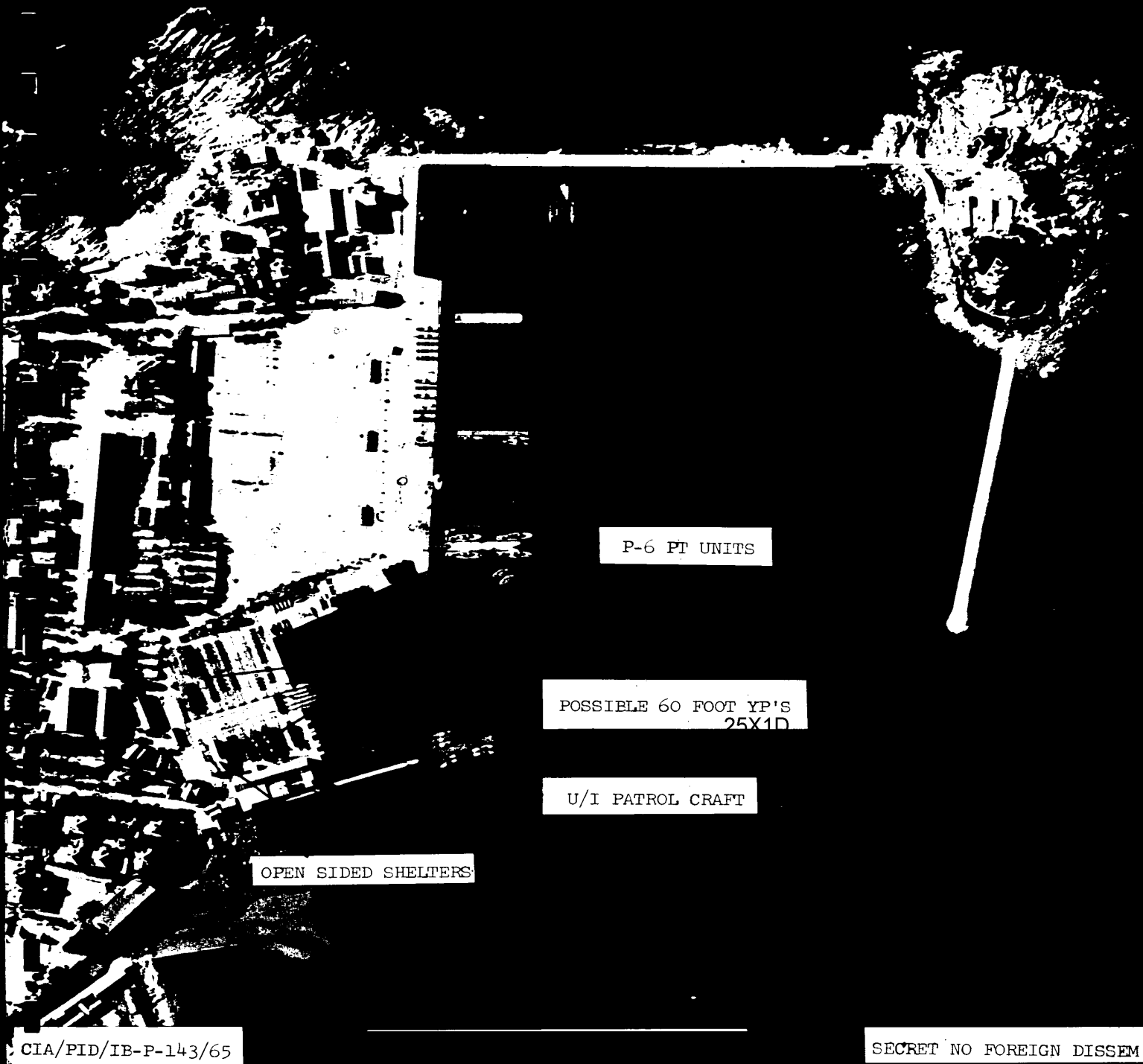
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PATROL BOAT BASE, TSINGTAO, CHINA

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P-6 PT UNITS

POSSIBLE 60 FOOT YP'S
25X10

U/I PATROL CRAFT

OPEN SIDED SHELTERS

CIA/PID/IB-P-143/65

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PATROL BOAT BASE, TSINGTAO, CHINA

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P-6 PT UNITS

CANVAS COVERED OBJECT

POSSIBLE 60 FOOT YP'S

U/I PATROL CRAFT

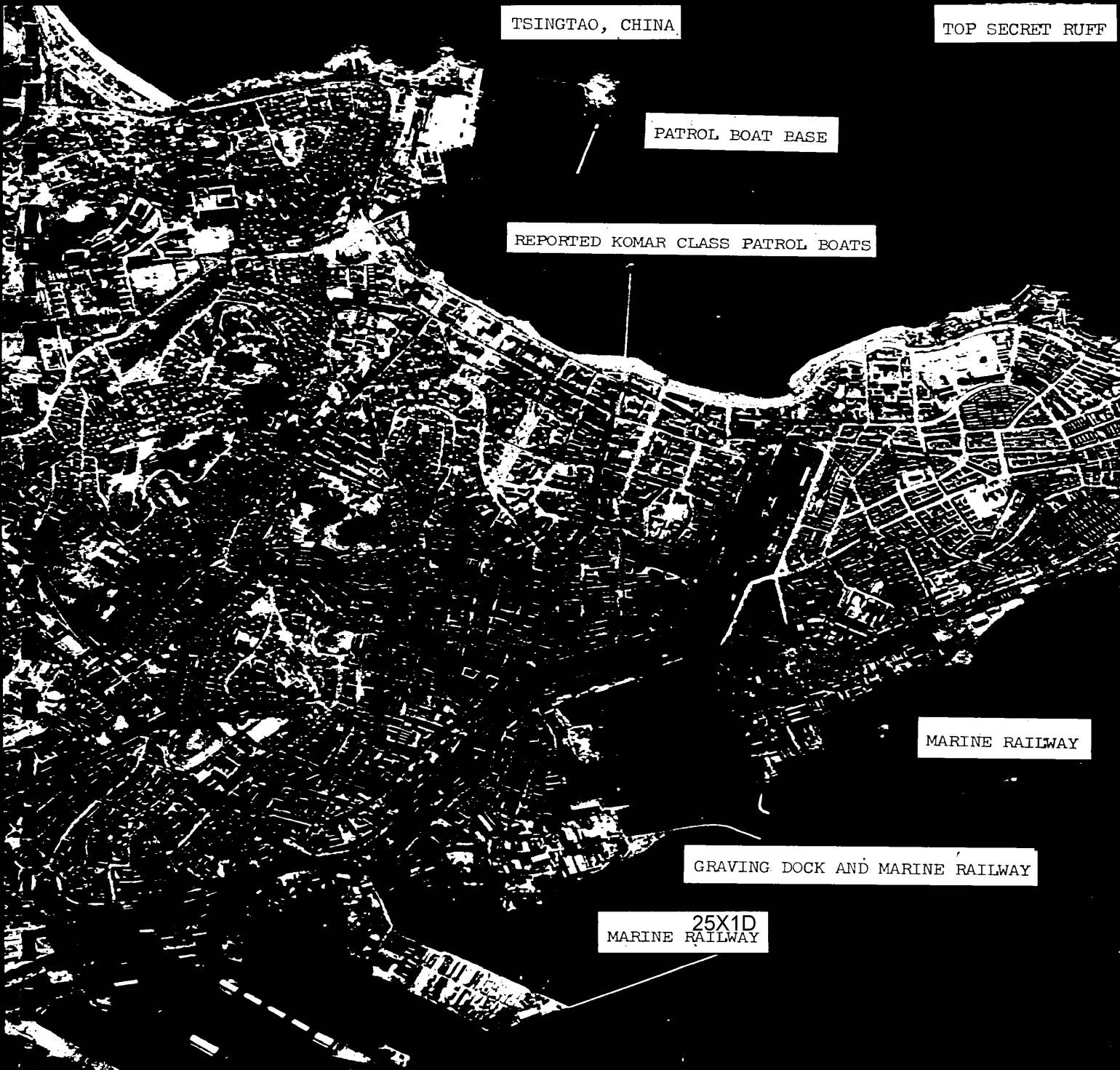
NEW BUILDING

CIA/PID/IB-P-144/65

25X1D

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TSINGTAO, CHINA

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PATROL BOAT BASE

REPORTED KOMAR CLASS PATROL BOATS

MARINE RAILWAY

GRAVING DOCK AND MARINE RAILWAY

25X1D
MARINE RAILWAY

CIA/PID/IB-P-141/65

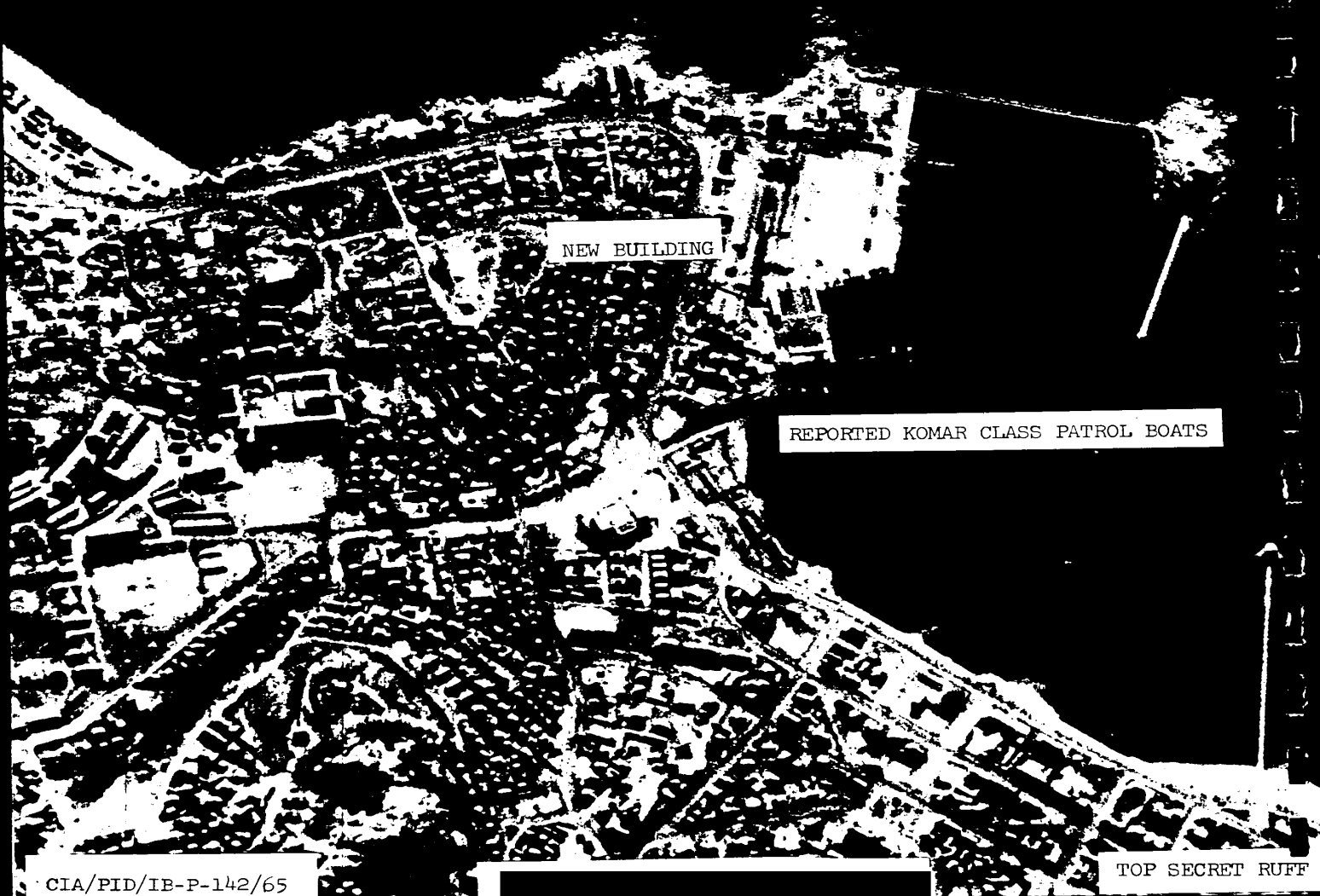


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PATROL BOAT BASE, TSINGTAO, CHINA

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CIA/PID/IB-P-142/65

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16481 25X1D